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#300-632

10" Subwoofer System



Dayton Loudspeaker Co. • PO Box 52 • Springboro, Ohio 45066

Thank You for purchasing the #300-632 DLS 10" Powered Subwoofer. It is the perfect addition to any home theater system. The #300-632 is also well suited for use with our Dayton BR-1, 2-way monitor. This powered sub features a down firing front ported bass reflex design for reduced port noise and increased bass response. It also utilizes a long throw 10" woofer and up to 100 watts of house shaking power. This compact sub is finished in a non-obtrusive black Ash veneer that will complement any decor.

Hookup

Inputs:

There are line level RCA inputs and high level inputs. The line level inputs are used to connect pre-out or preamplifier outputs directly to the subwoofer amplifier's internal crossover. These inputs are summed to mono. This is the preferred way to connect the subwoofer amplifier. If you have a mono line level signal from a "Pro Logic" or "Dolby digital" receiver use the right "red" input. If preamplifier outputs are not available, use the high-level (speaker) inputs. The speaker level inputs can be connected directly to the amplifier by inserting the speaker wire and screwing down the terminal on the wire or banana plugs can be inserted into the gold jacks.

Outputs:

There are also line level RCA outputs and high (speaker) level outputs. The line level (RCA) output provides a full range (20-20KHz) output and is used to connect "daisy chain" the line level signal to other amplifiers. Note: Line out is only active when a signal is present at the line-in input. Speaker level outputs are used to connect satellite speakers. The satellite outputs have a 6db high pass circuit (125 Hz @ 8 ohms).

Controls

Crossover Frequency Control: Continuously variable from 40Hz to 160Hz at 12dB/octave. Set the frequency control to where the audio does not sound "muddy", normally between 60-80Hz.

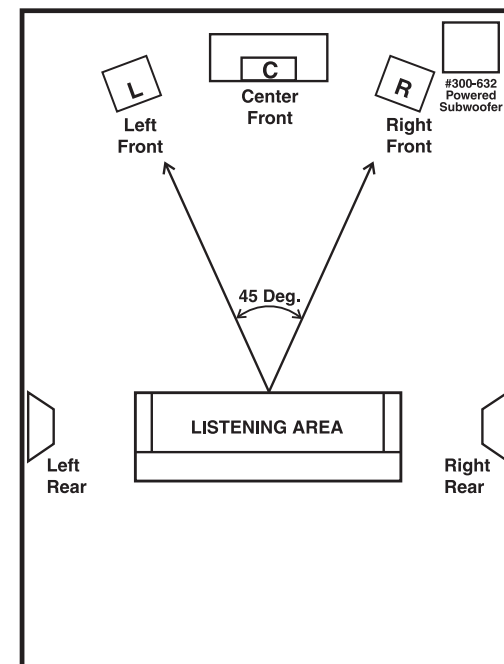
Phase Switch: Selectable between 0° and 180°. This aids in subwoofer placement. The correct position will be the one that provides the most apparent bass output.

Power Switch (Auto On/Off): When the power is in the auto position, the amplifier will automatically turn on when a signal is present. Note: In auto/off mode, the power on LED is always on (red), even when amp is in rest mode (off). The power LED will turn green when the unit is activated.

Volume Control: Adjusts the output level of the subwoofer. Set the level to where the bass frequencies blend with the other speakers. Note: Most people have a tendency to set the level too high which makes the audio sound "boomy".

Room Placement

The DLS 10" Subwoofer System will produce more apparent bass when it is placed in a corner. Choose a corner that is close to the component area and place it at the front of the listening area. See diagram



Specifications

Dimensions: 12-5/8" W x 16-3/4" H x 15-5/8" D

Frequency Response: 25Hz-160Hz

Voltage: 120VAC / 60Hz

Net weight: 40 lbs.

Warranty Information: Dayton Loudspeaker products are constructed by industry experts, and are thoroughly tested before shipment. Dayton Loudspeaker products are warranted for the period of five years. This warranty is limited to manufacturer defects, either in materials or workmanship. Dayton Loudspeaker is not responsible for any consequential or incidental damage to any other unit or component or the cost for installation or extraction of any component of the audio system. In the rare case of a product failure, please follow this procedure:

- Call our Customer Support Department at (937) 743-8248 to obtain a Return Authorization #.
- Package your return carefully to ensure it is received by us in good condition.
- Include a copy of the invoice with an explanation of the return; include all original factory packaging, accessories, and manuals/literature.
- Write the RA# clearly on the outside of your return package.

Warranty Limitations: There are no other warranties, either express or implied, which extend the foregoing, and there are no warranties of merchantability or fitness for any particular purpose. The warranty will not cover incidental or consequential damage due to defective or improper use of products. This includes but is not limited to burnt voice coils, overheating, bent frames, holes in the cone, or broken lead wires.

This warranty gives you specific legal rights and you may also have other rights which vary from state to state.

Non-Warranty Service: If non-warranty service is required, the product may be sent to the Company for repair/replacement, transportation prepaid, by calling 1-800-338-0531 for details, complete instructions, and service fee charges.